

FIG. 1

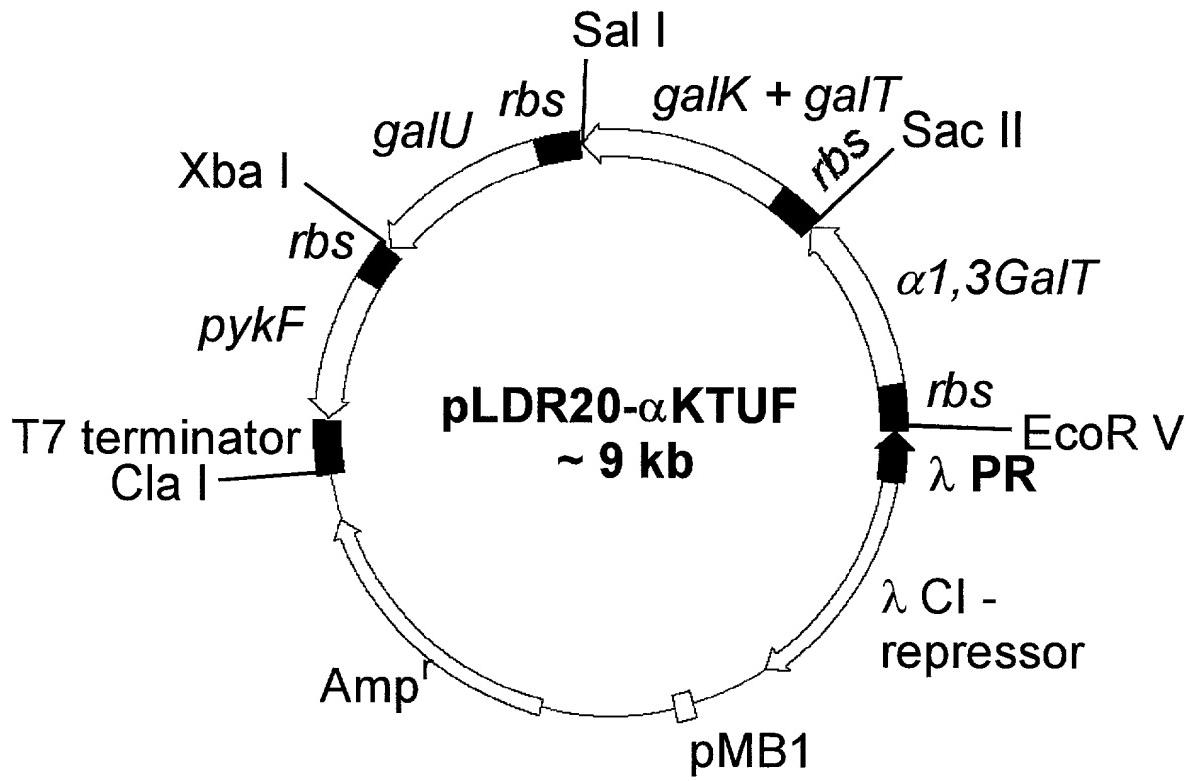


FIG. 2

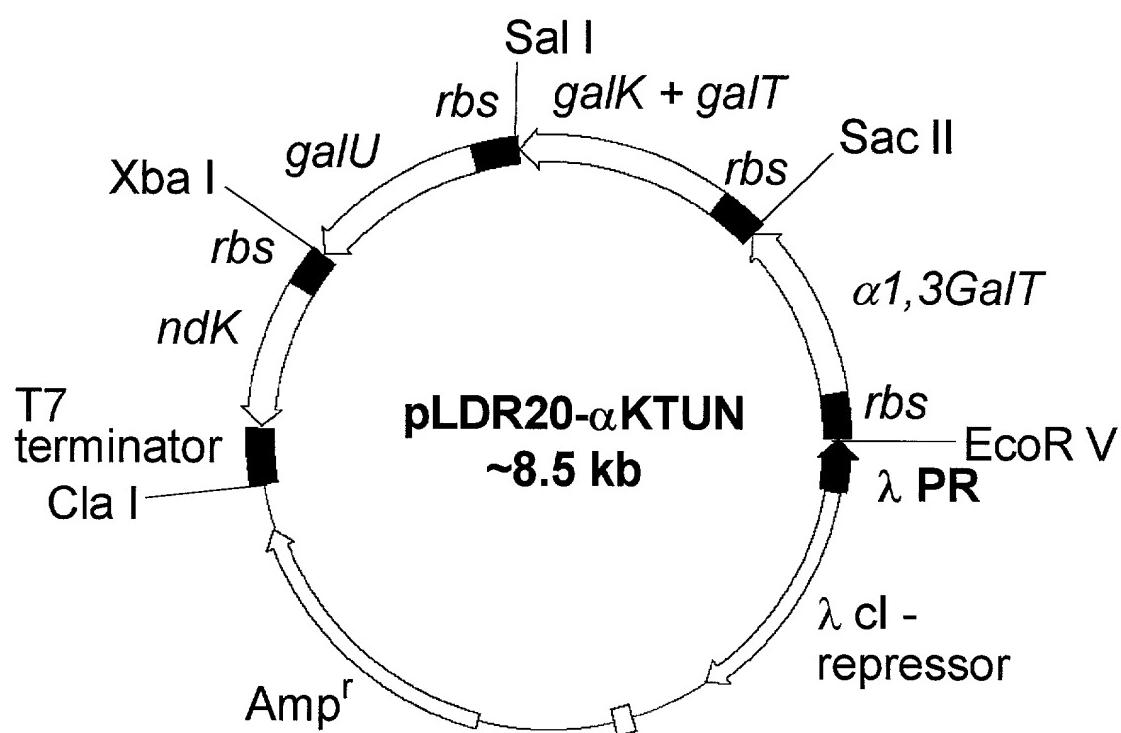
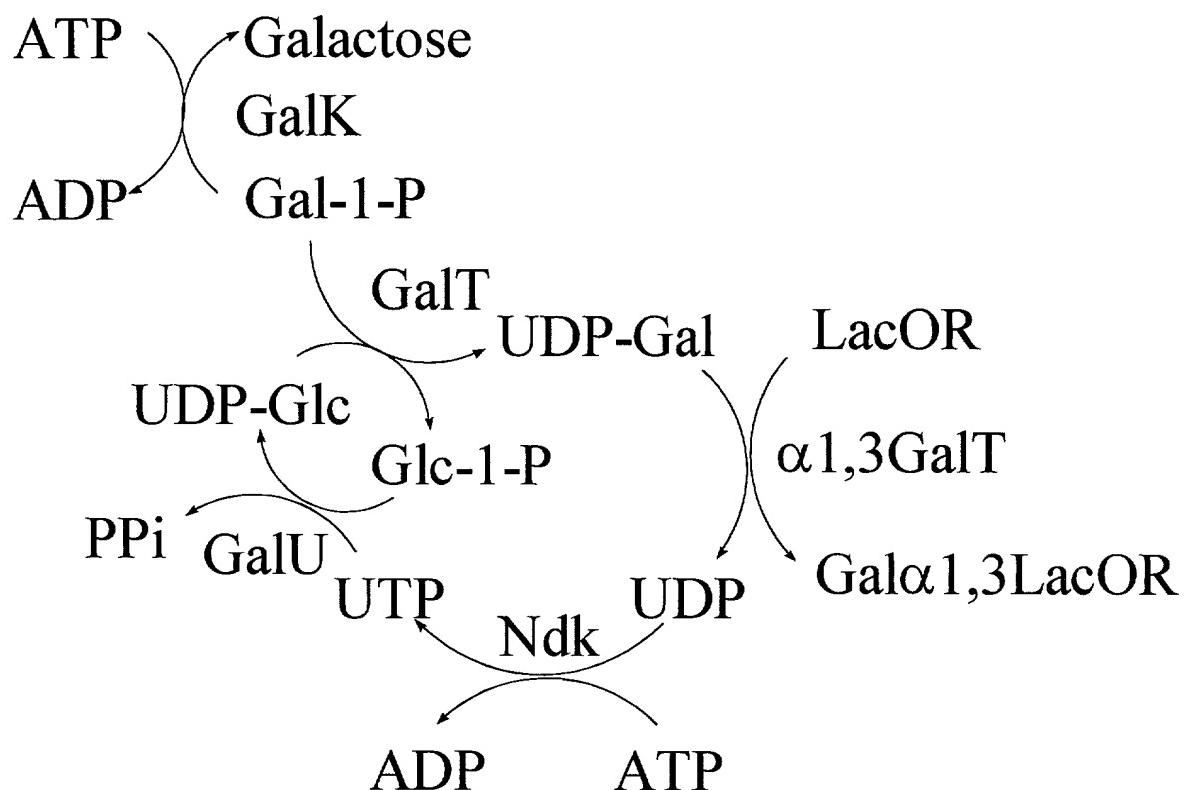


FIG. 3

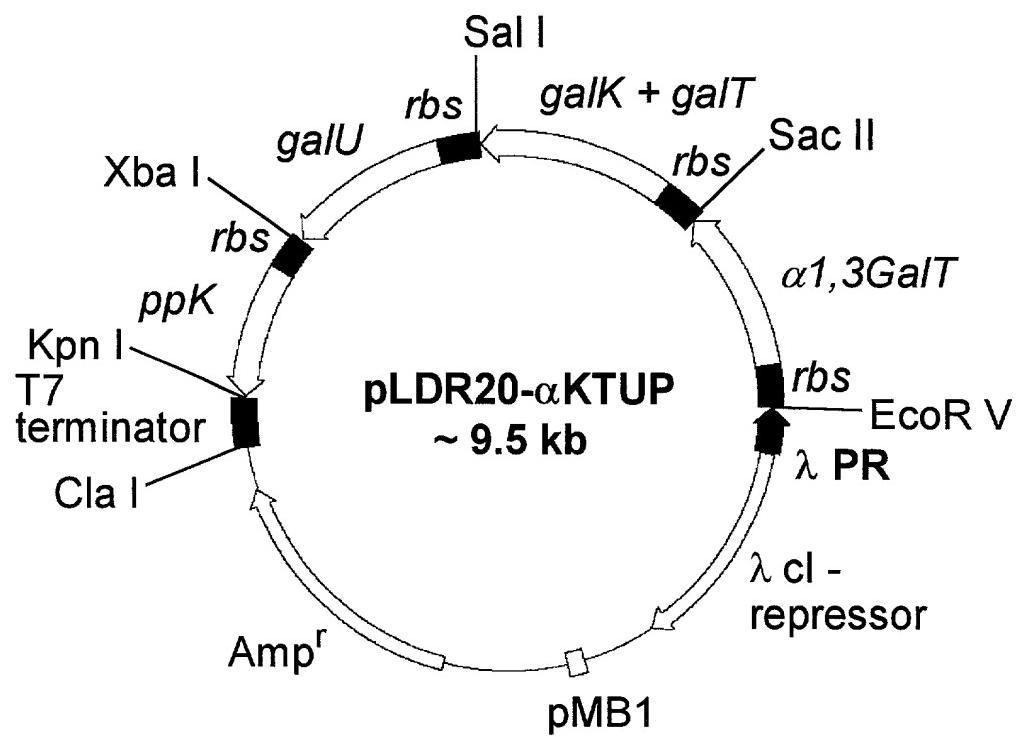
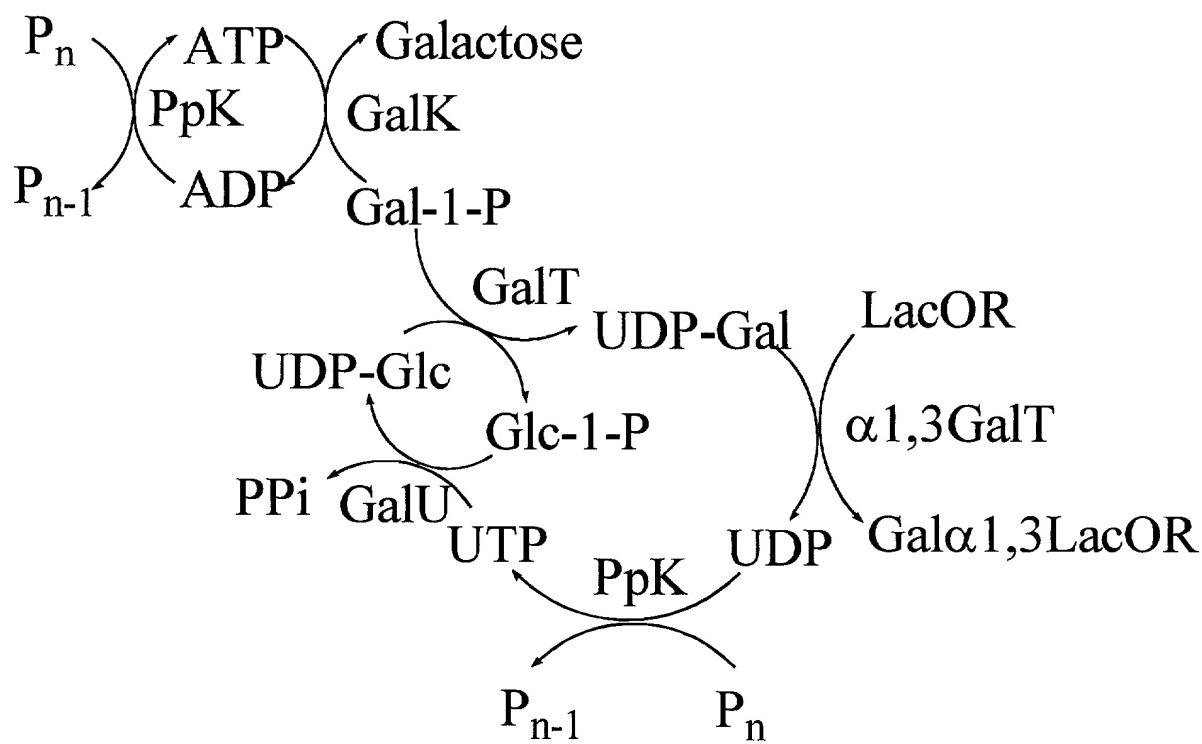
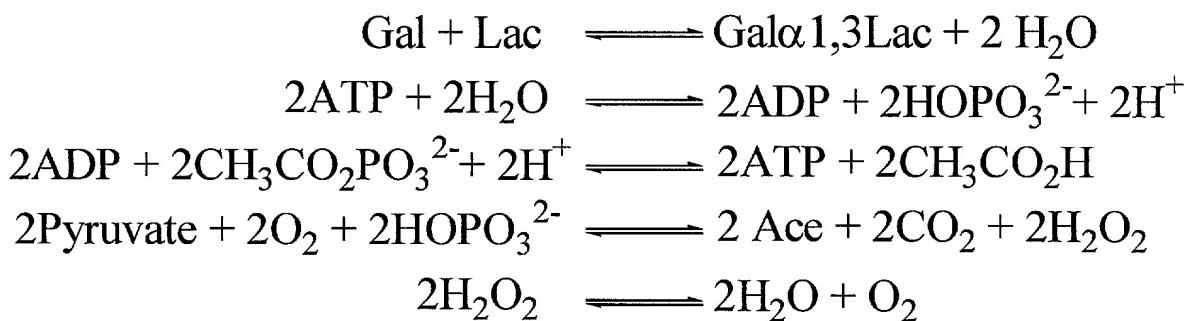
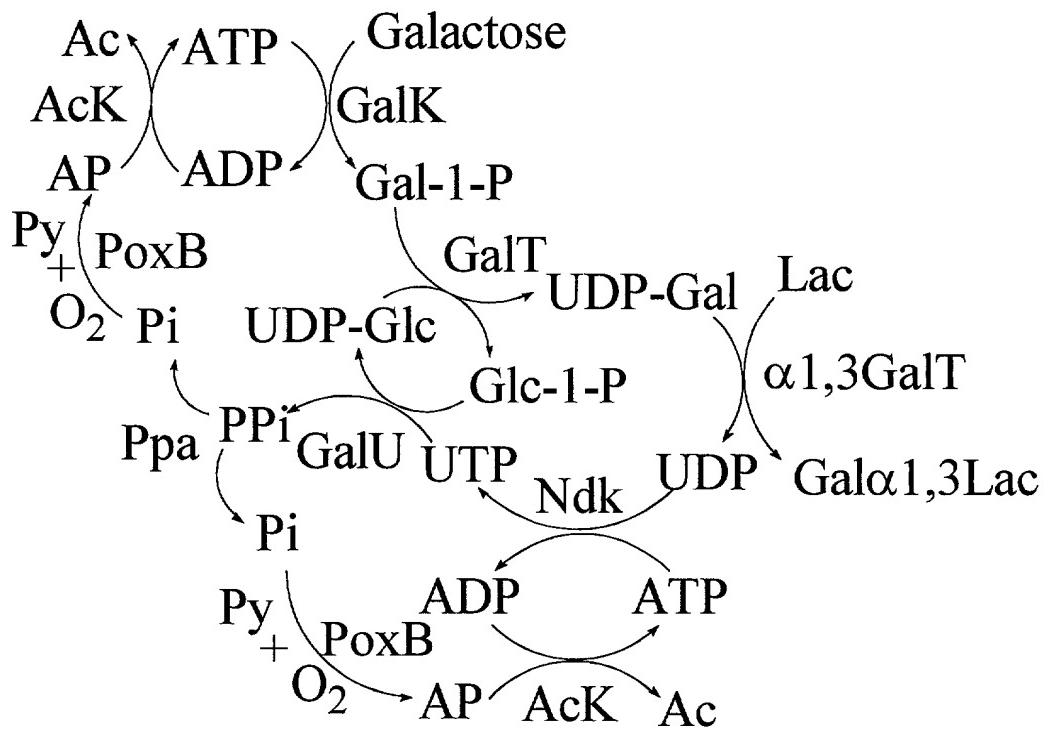


FIG. 4



Balance:

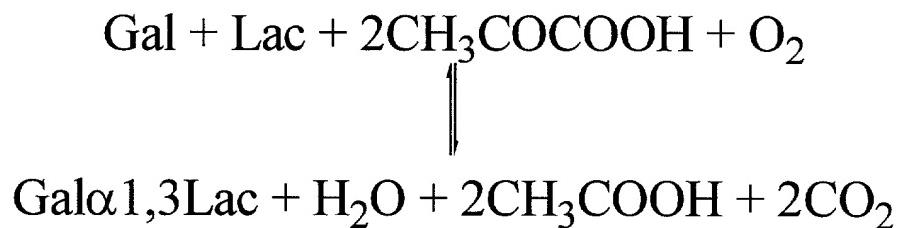


FIG. 5

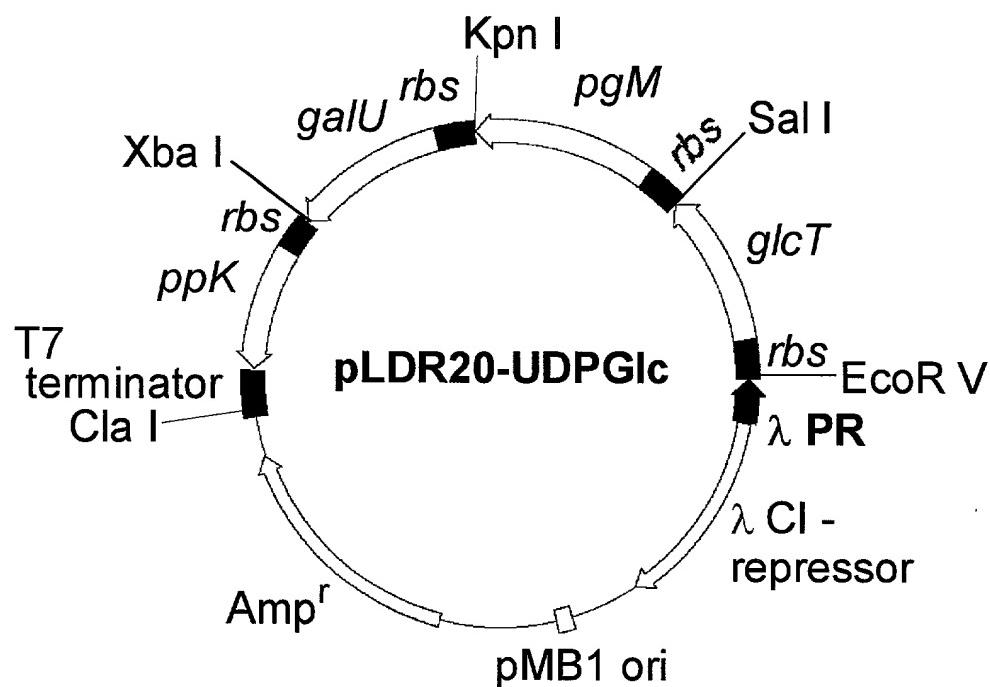
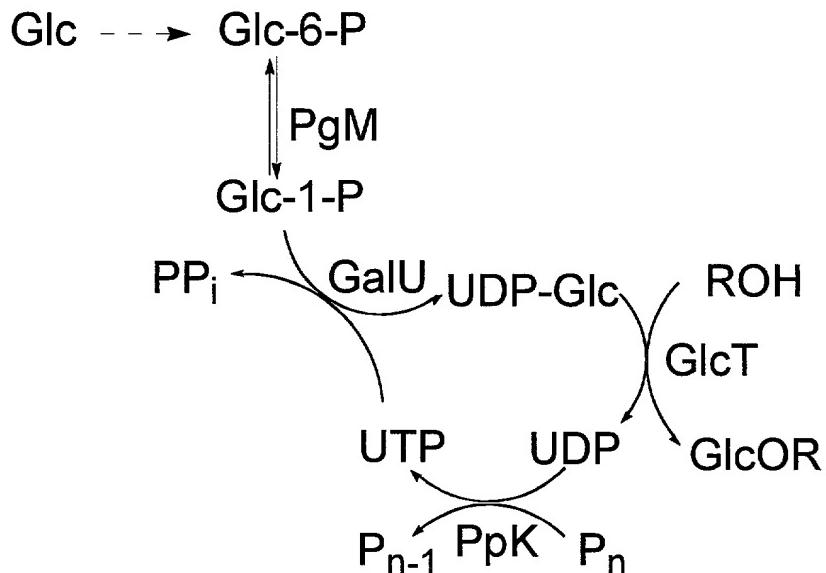


FIG. 6

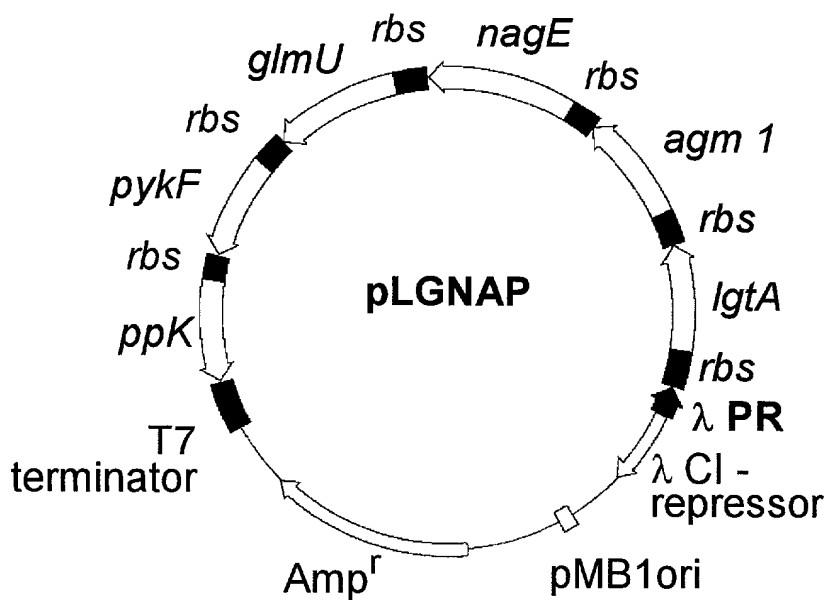
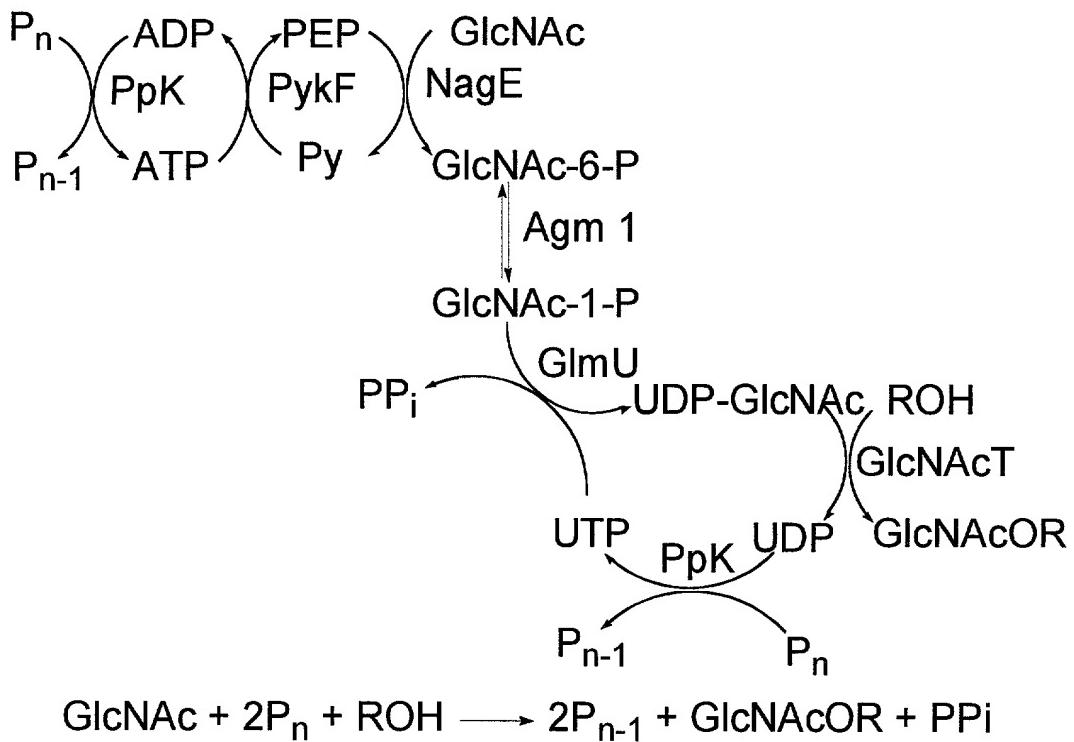


FIG. 7

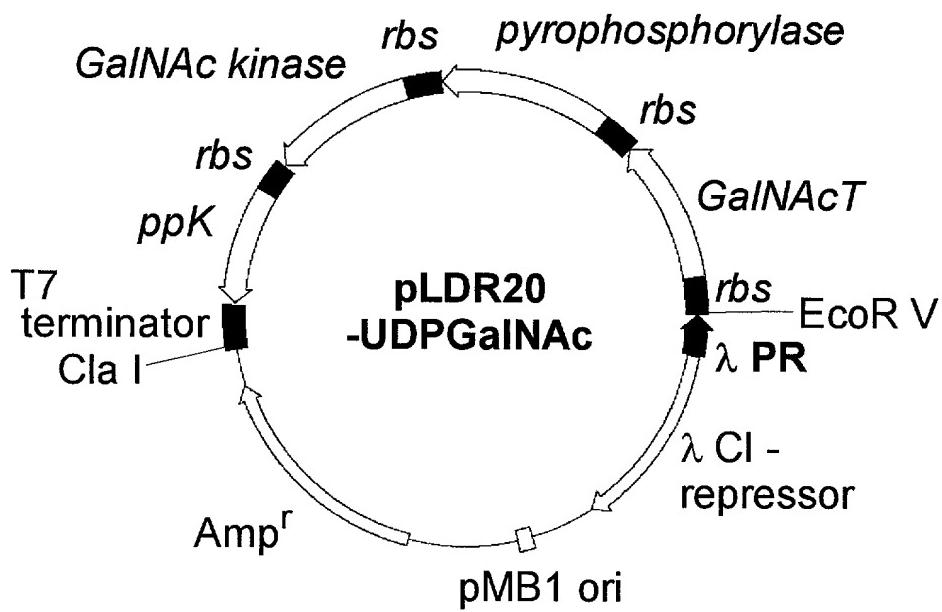
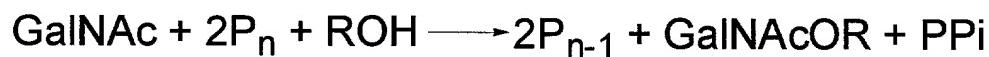
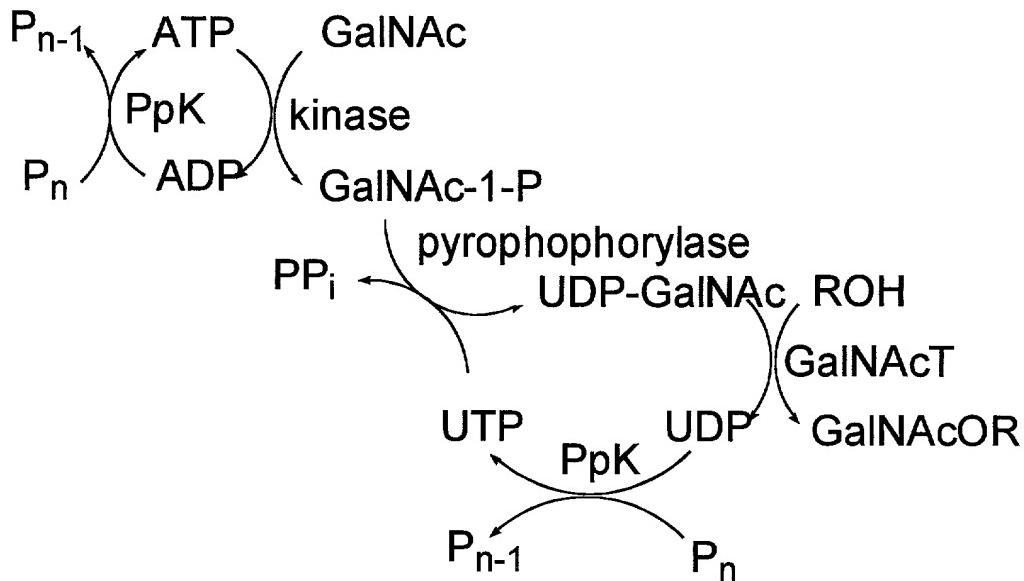


FIG. 8

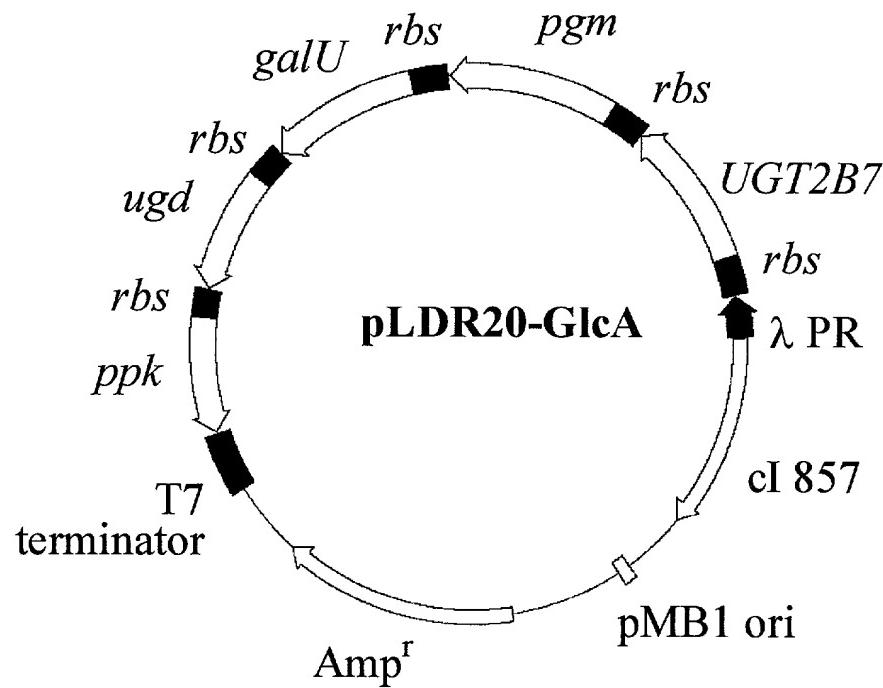
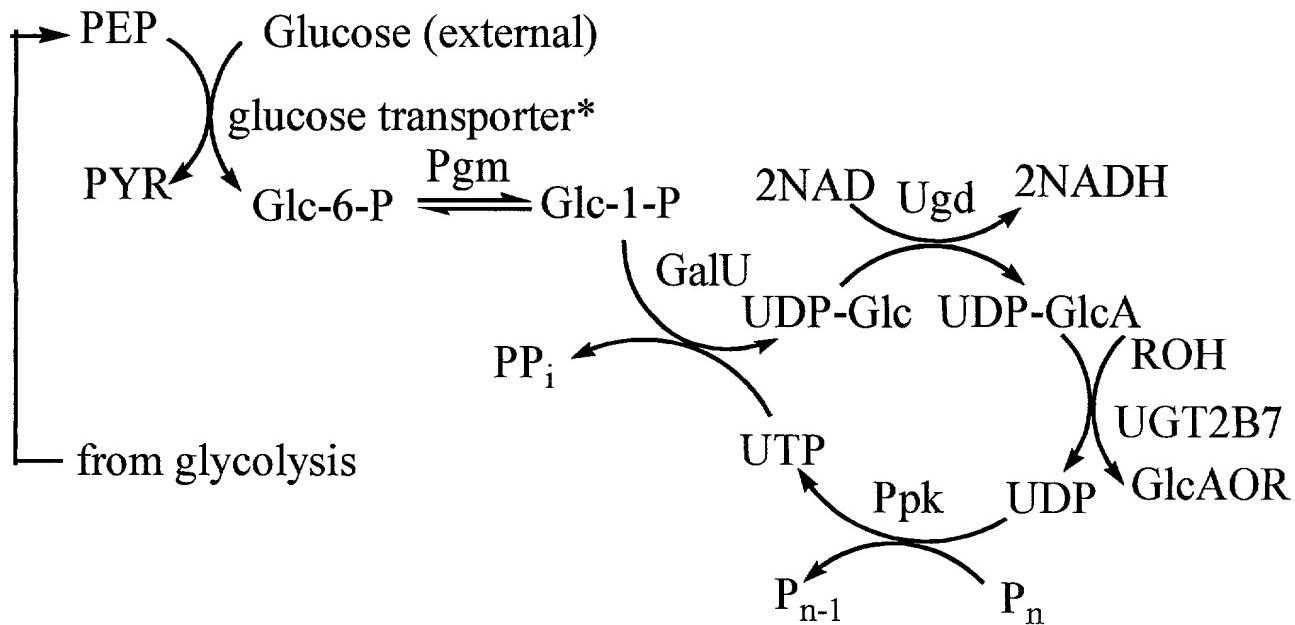


FIG. 9

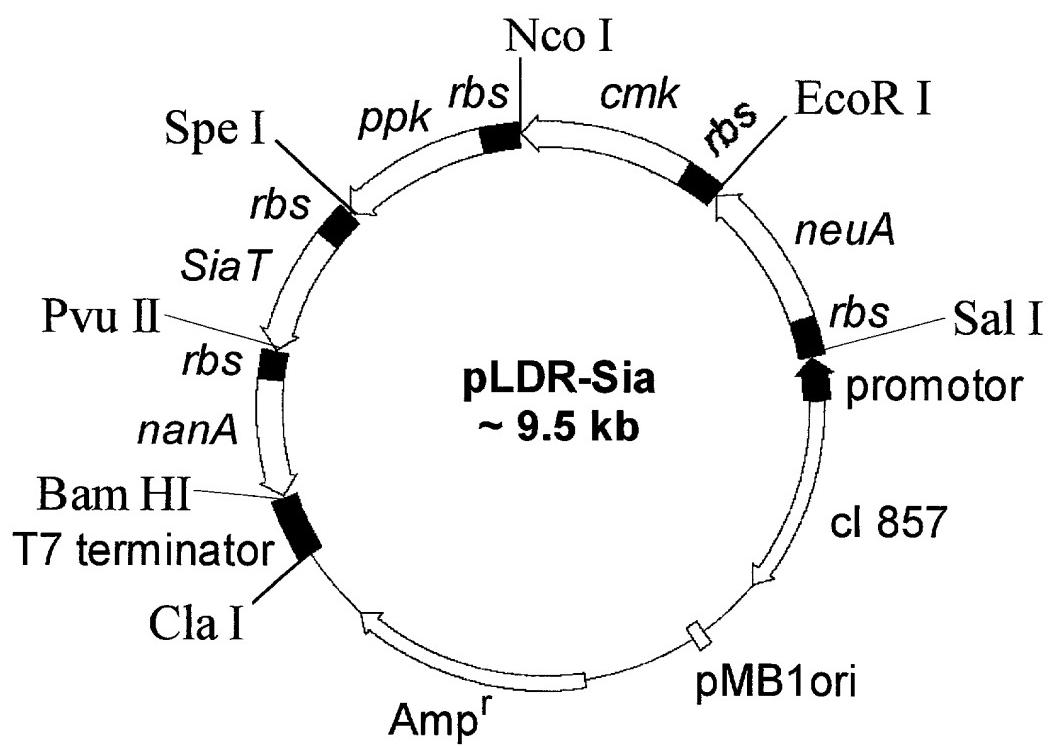
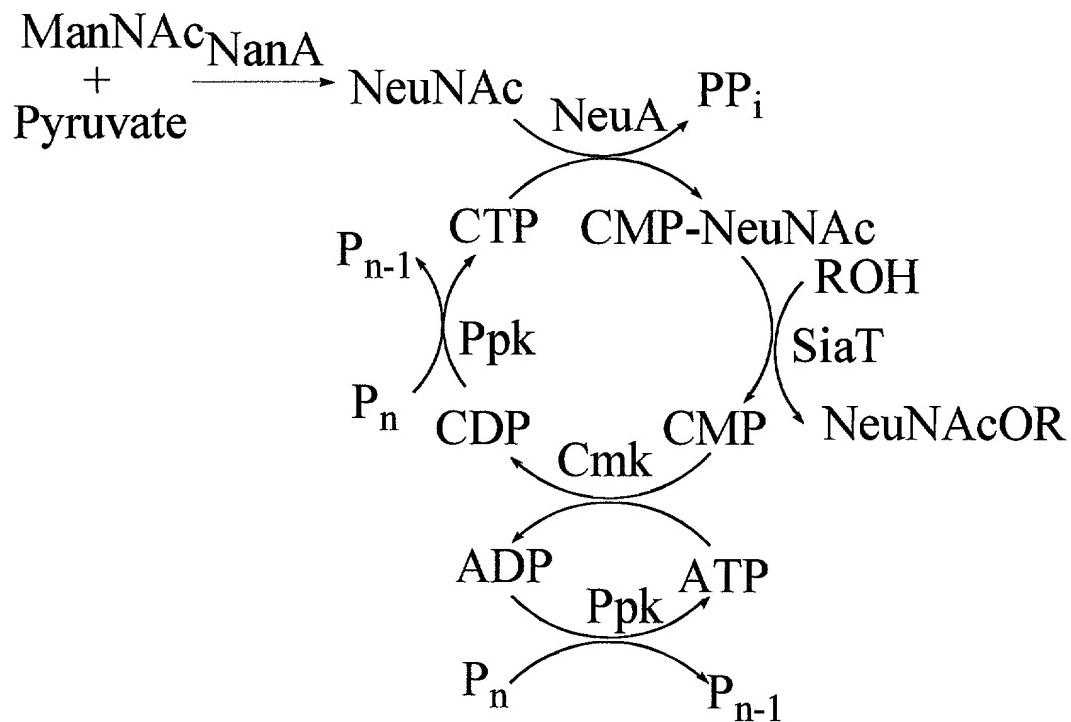


FIG. 10

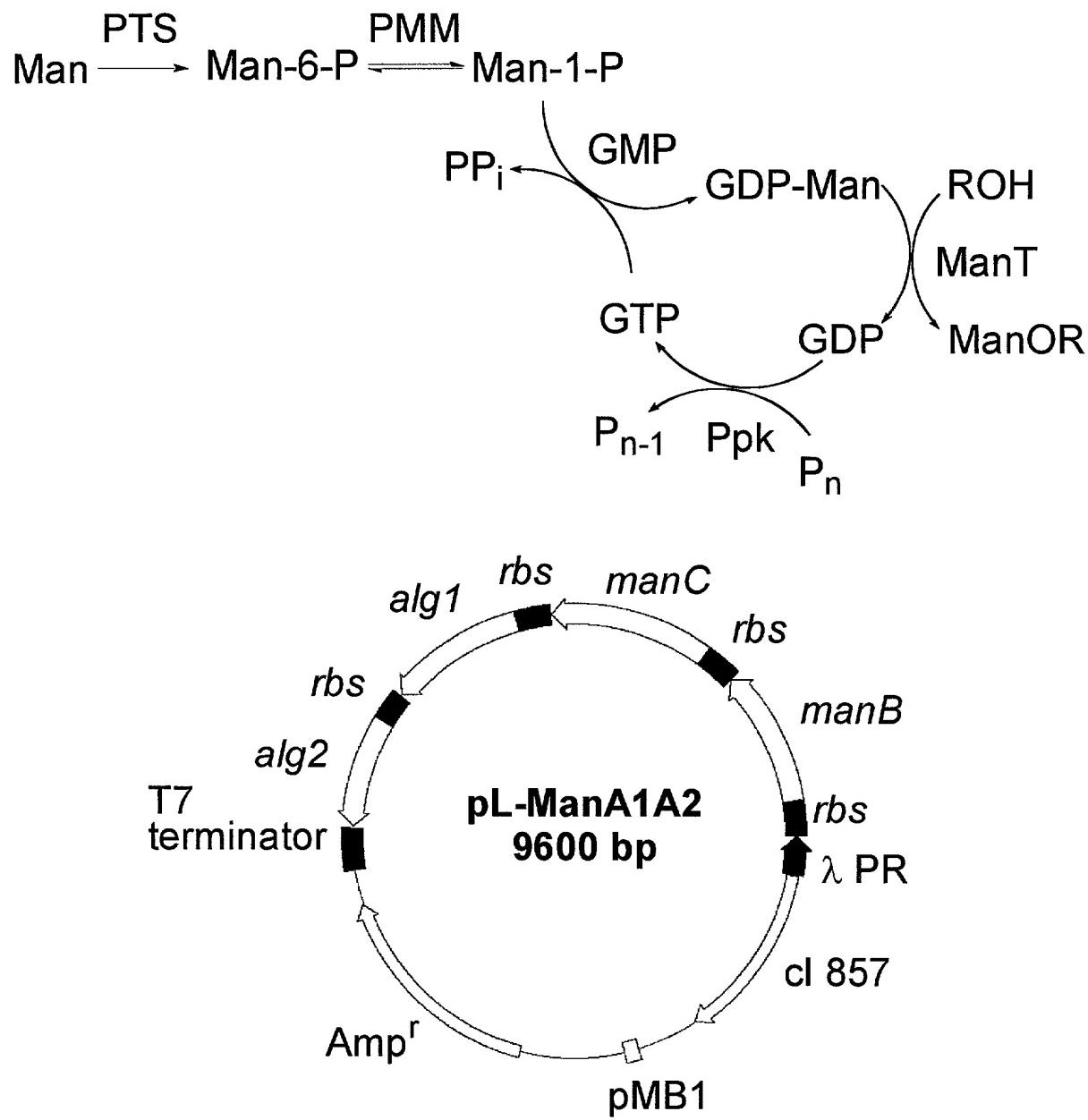


FIG. 11

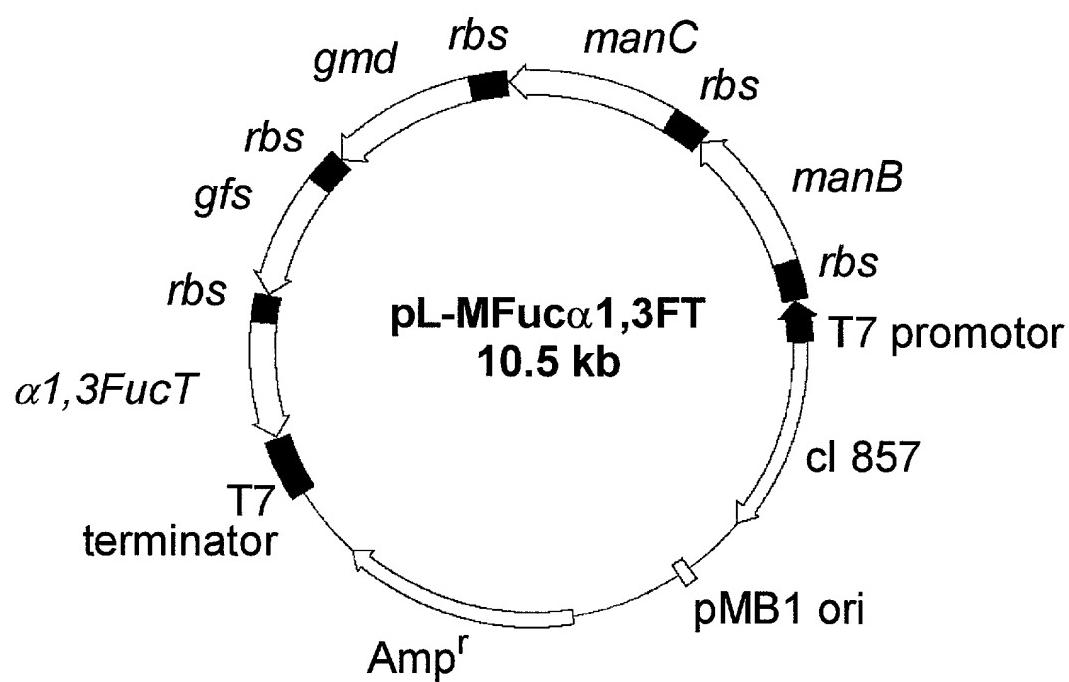
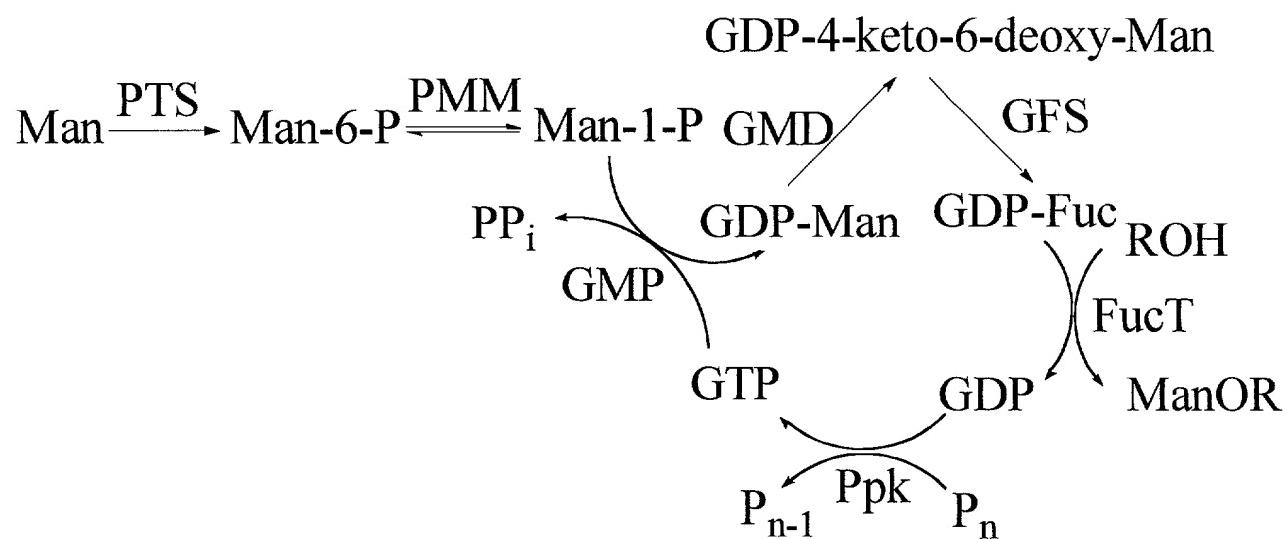


FIG. 12

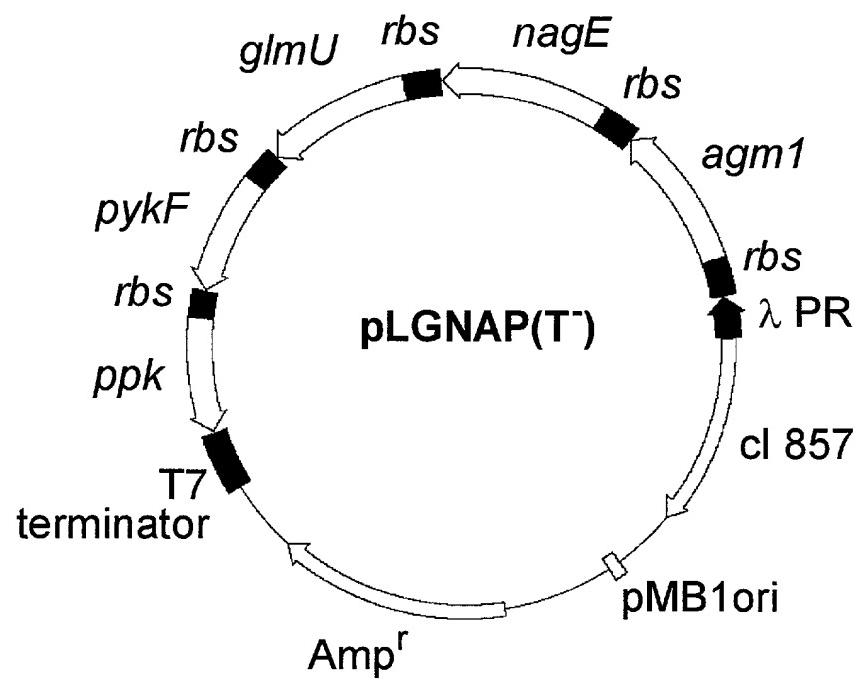
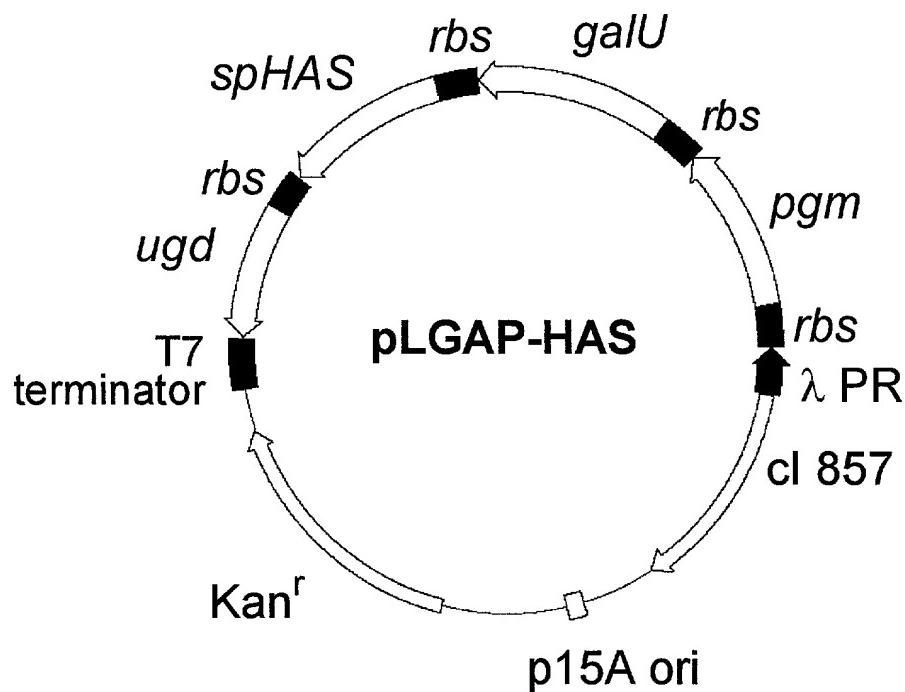
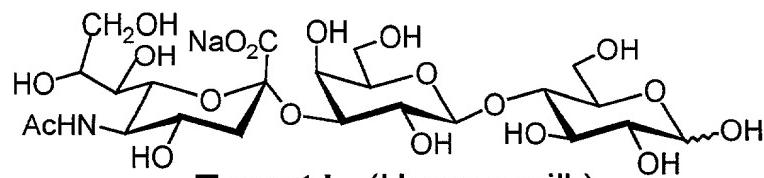
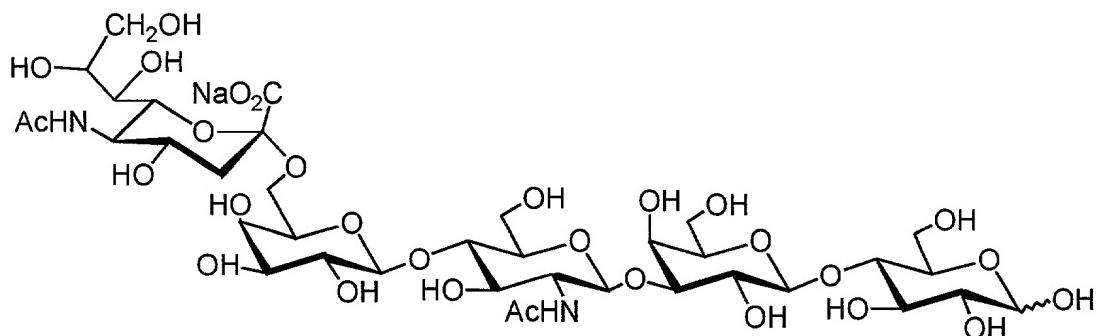


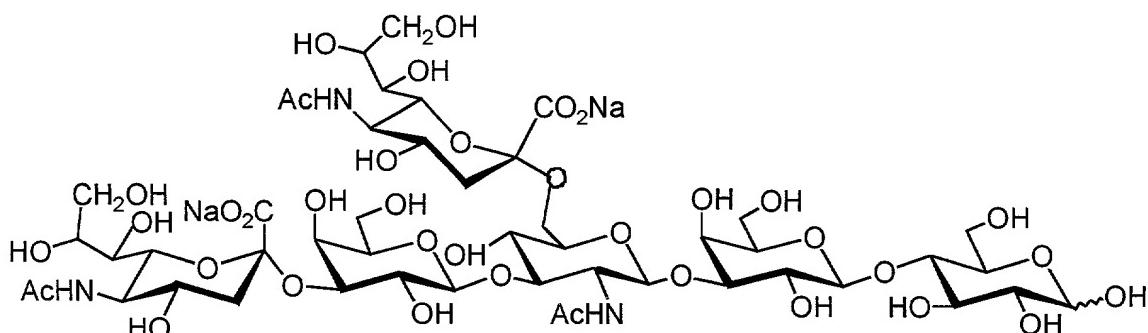
FIG. 13



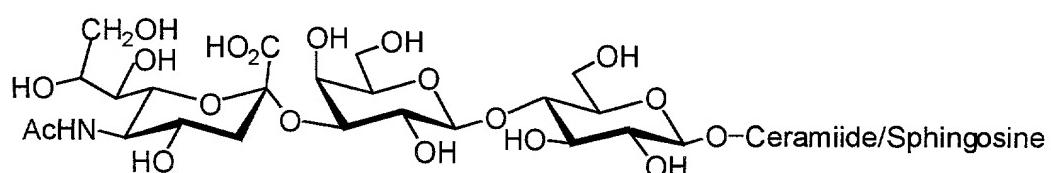
Target I. (Human milk)
Neu5Ac α 2,3Gal β 1,4GlcNa



Target II. (Human milk)
Neu5Ac α 2,6Gal β 1,4GlcNAc β 1,3Gal β 1,4Glc



Target III. (Human milk)
Neu5Ac α 2,6Gal β 1,3 (NeuAc α 2,6)GlcNAc β 1,3Gal β 1,4Glc



Target IV. GM3 (Bovine milk)
(Neu5Ac α 2,3Gal β 1,4Glc-O-Ceramide/Sphingosine

FIG. 14

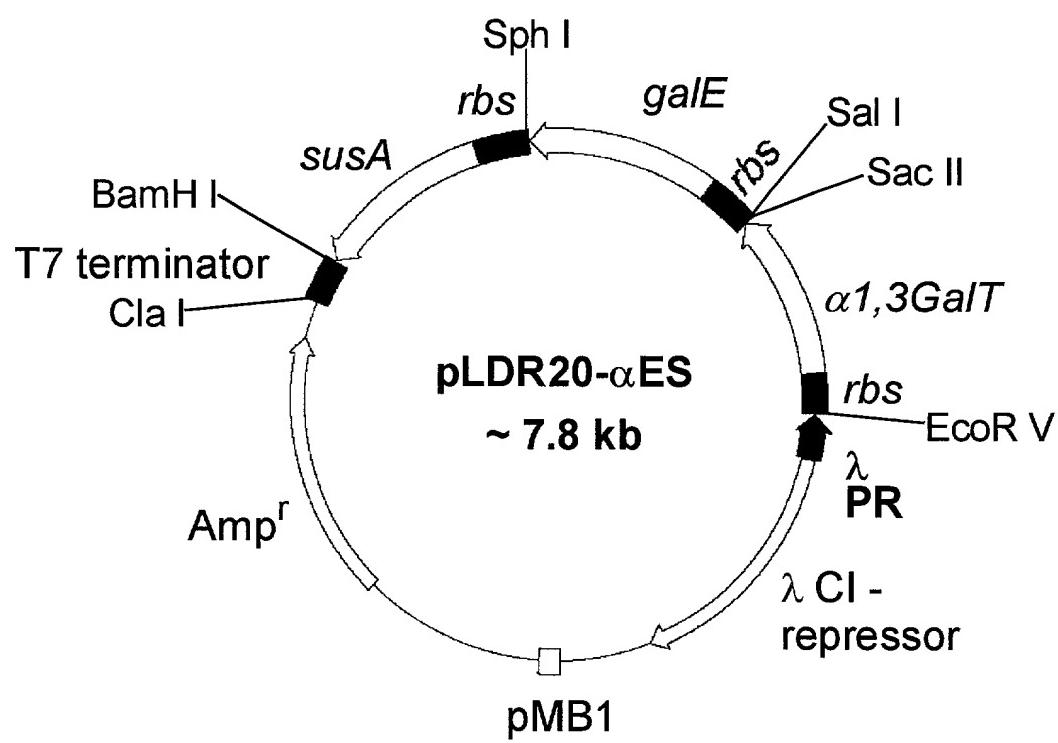
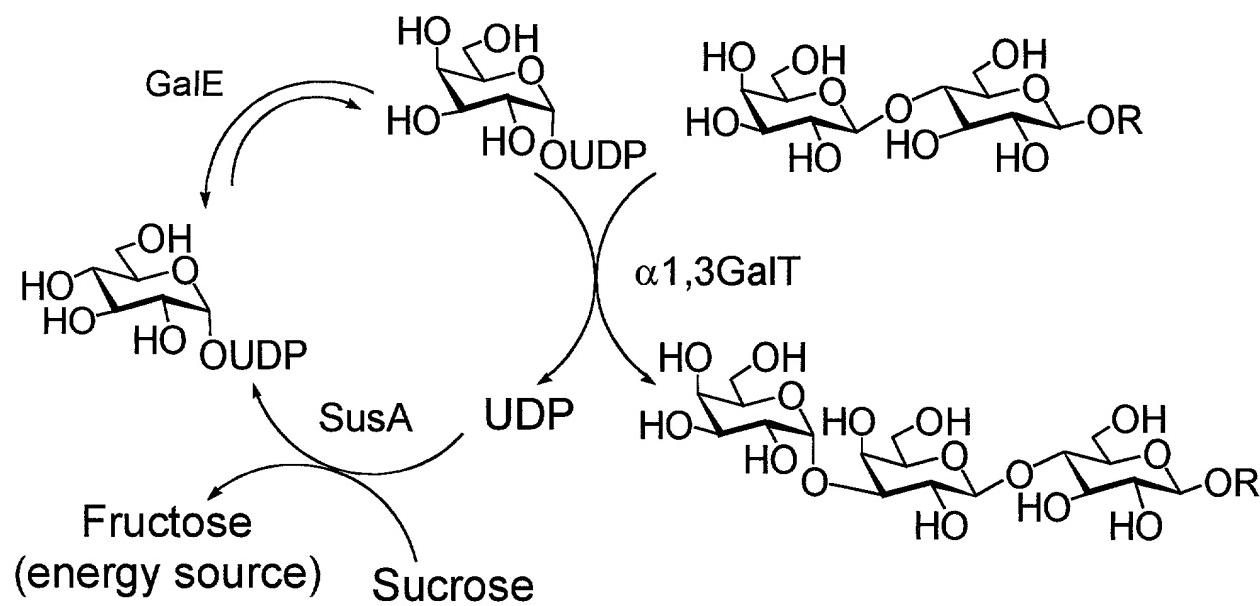


FIG. 15

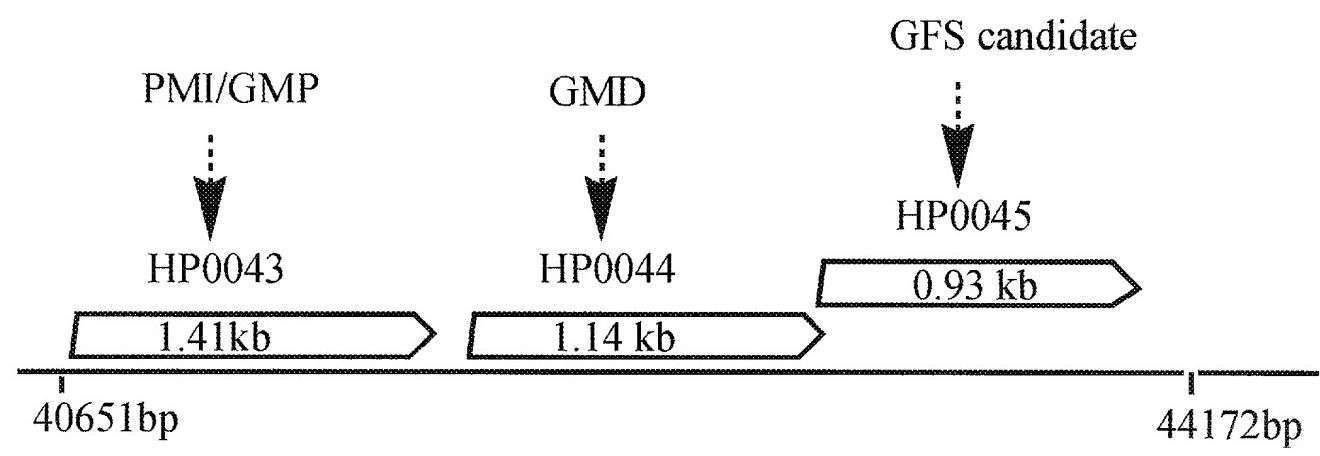


FIG. 16

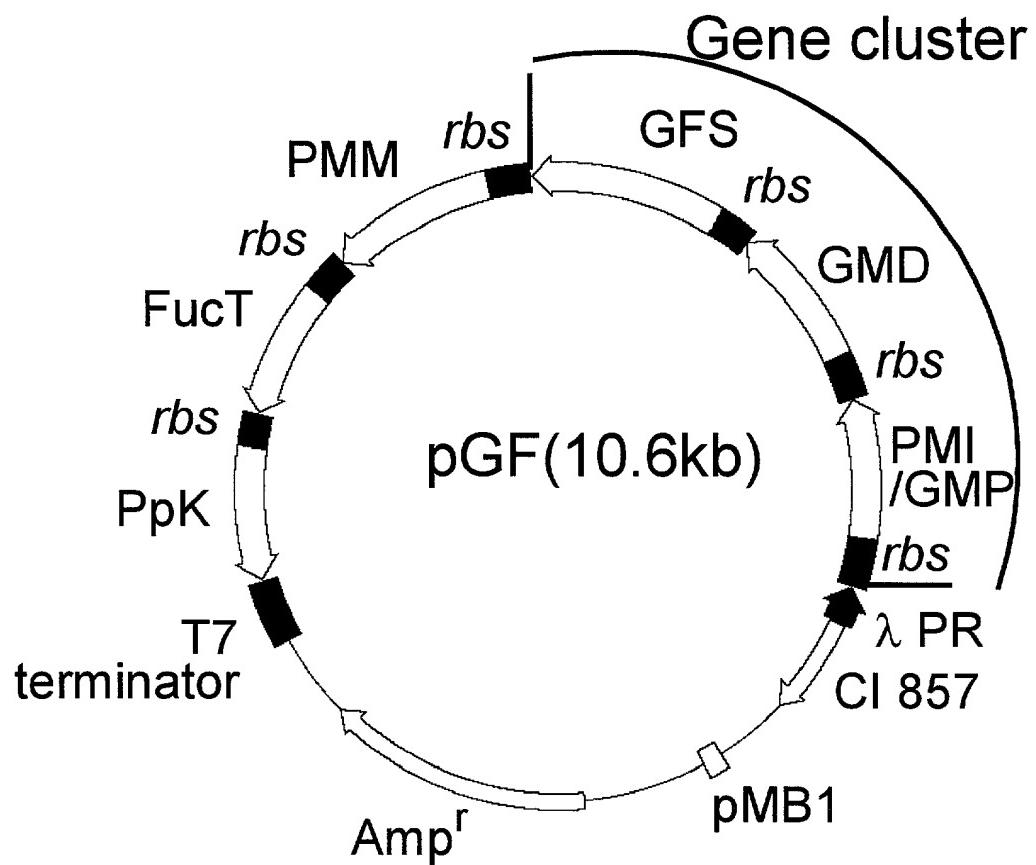


FIG. 17

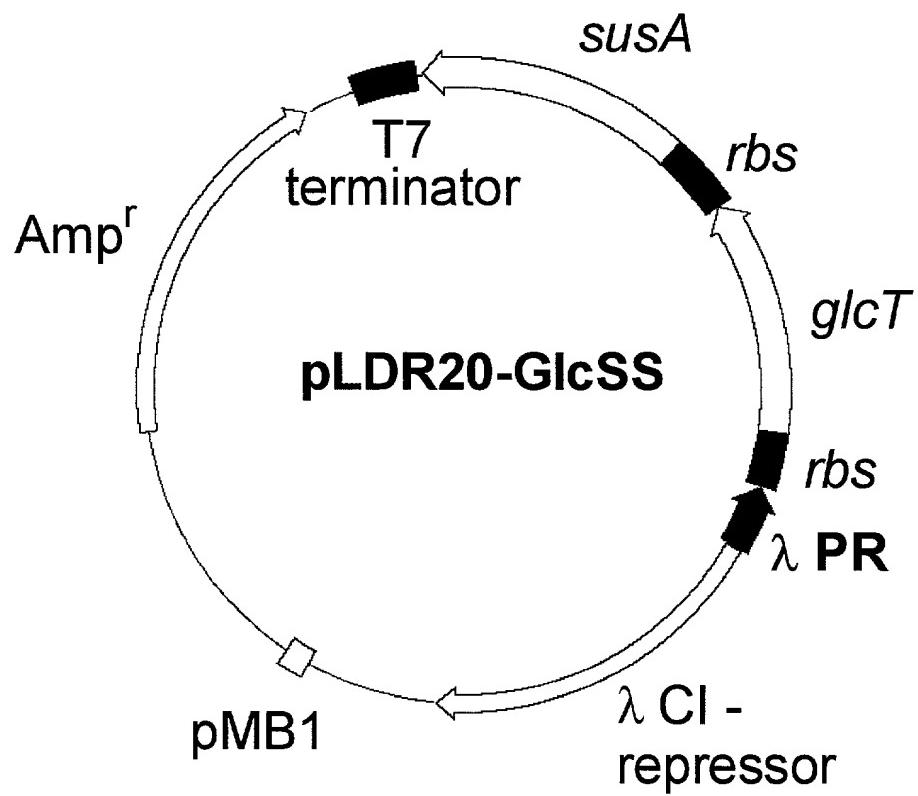
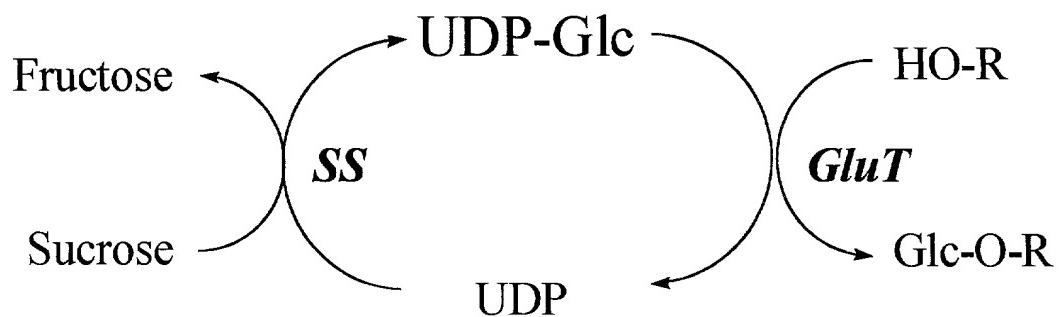


FIG. 18

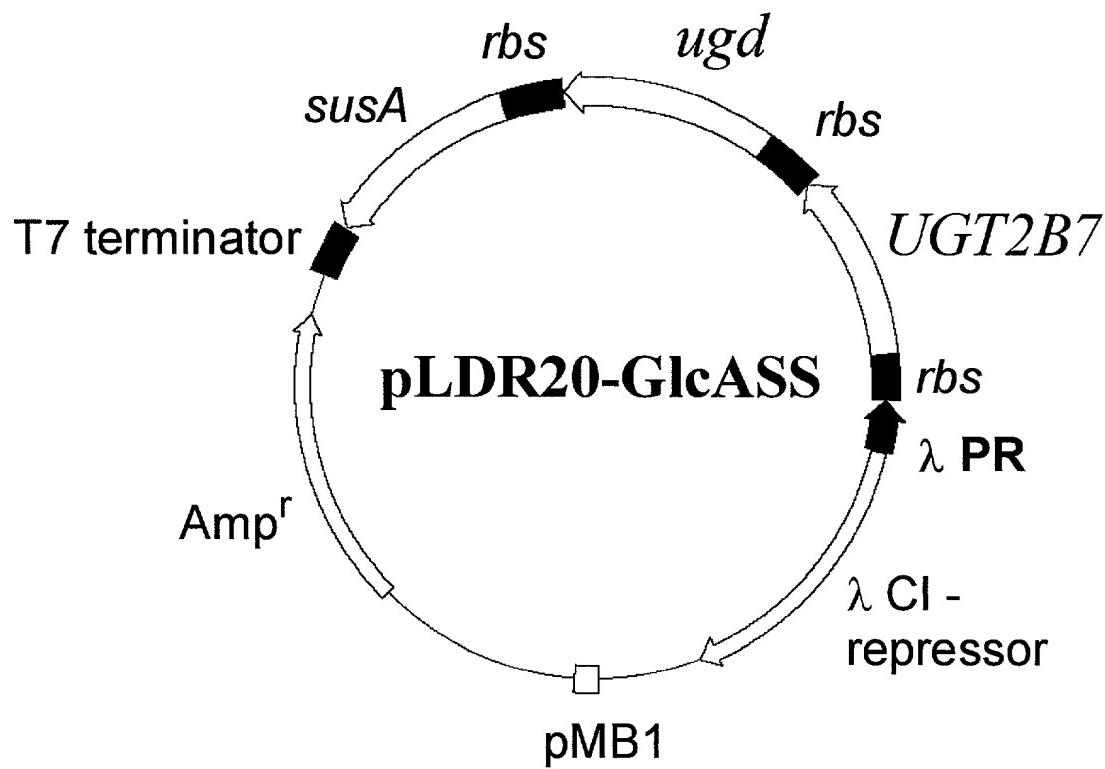
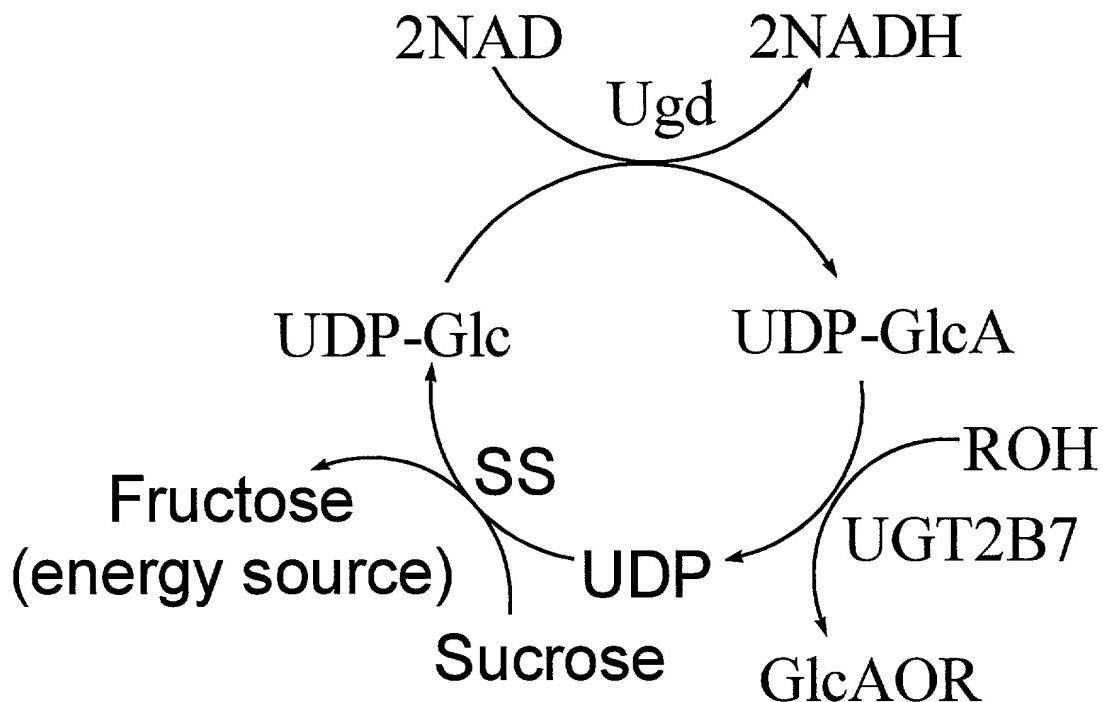


FIG. 19

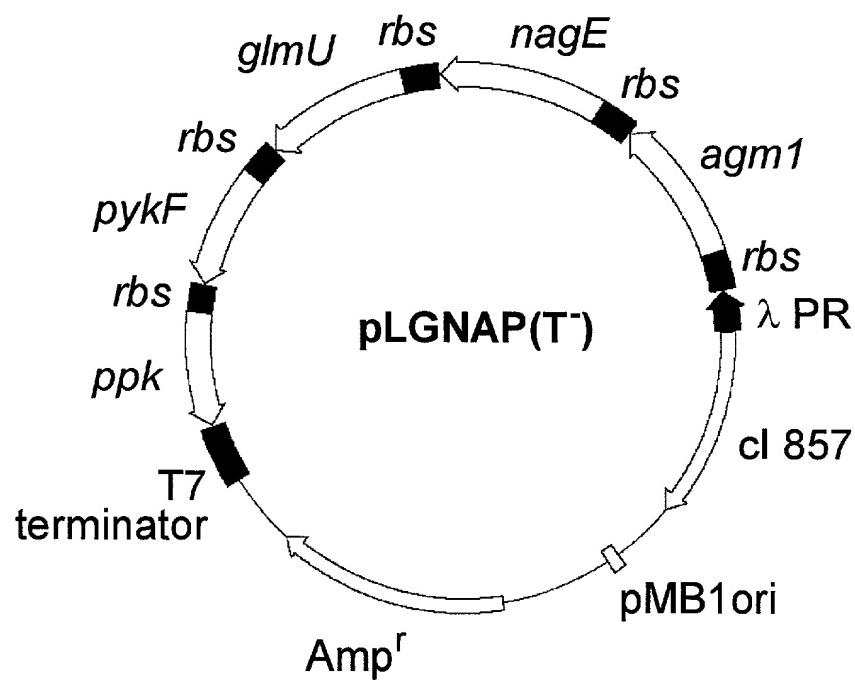
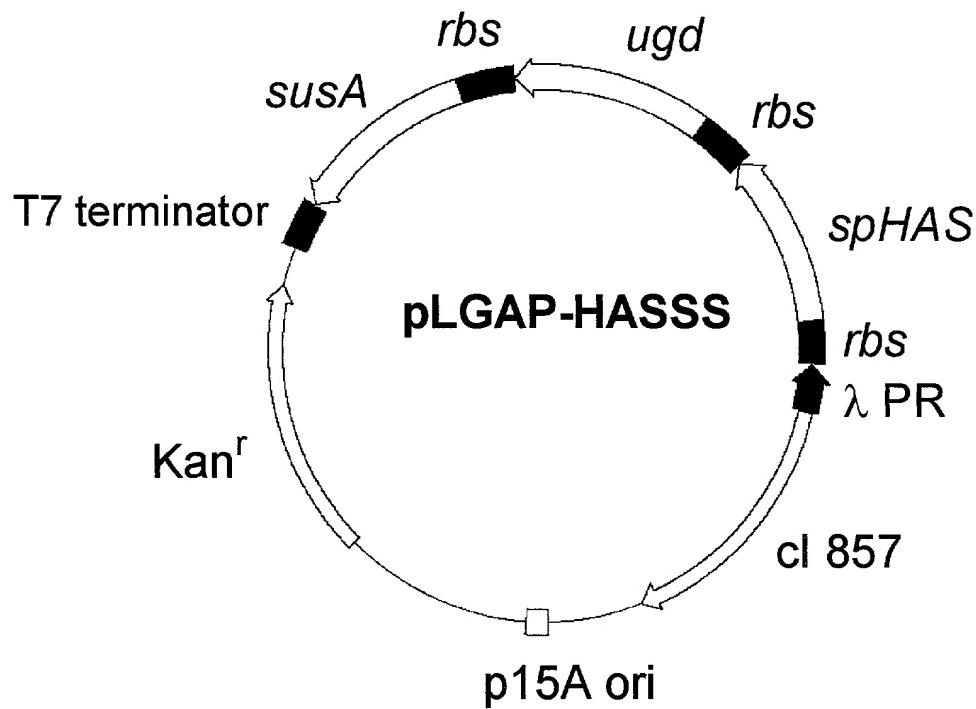


FIG. 20

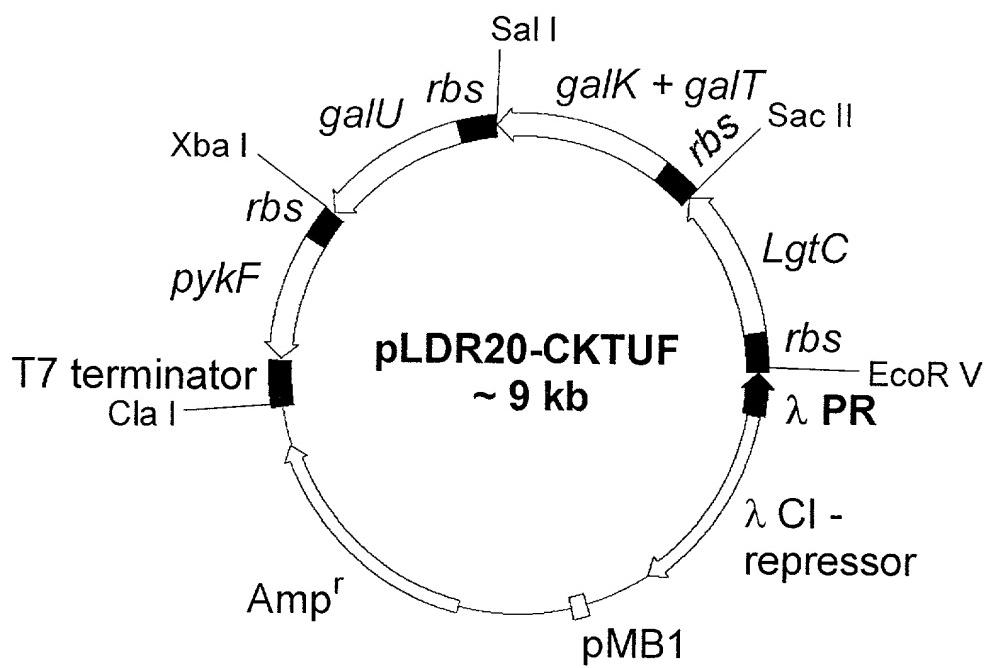
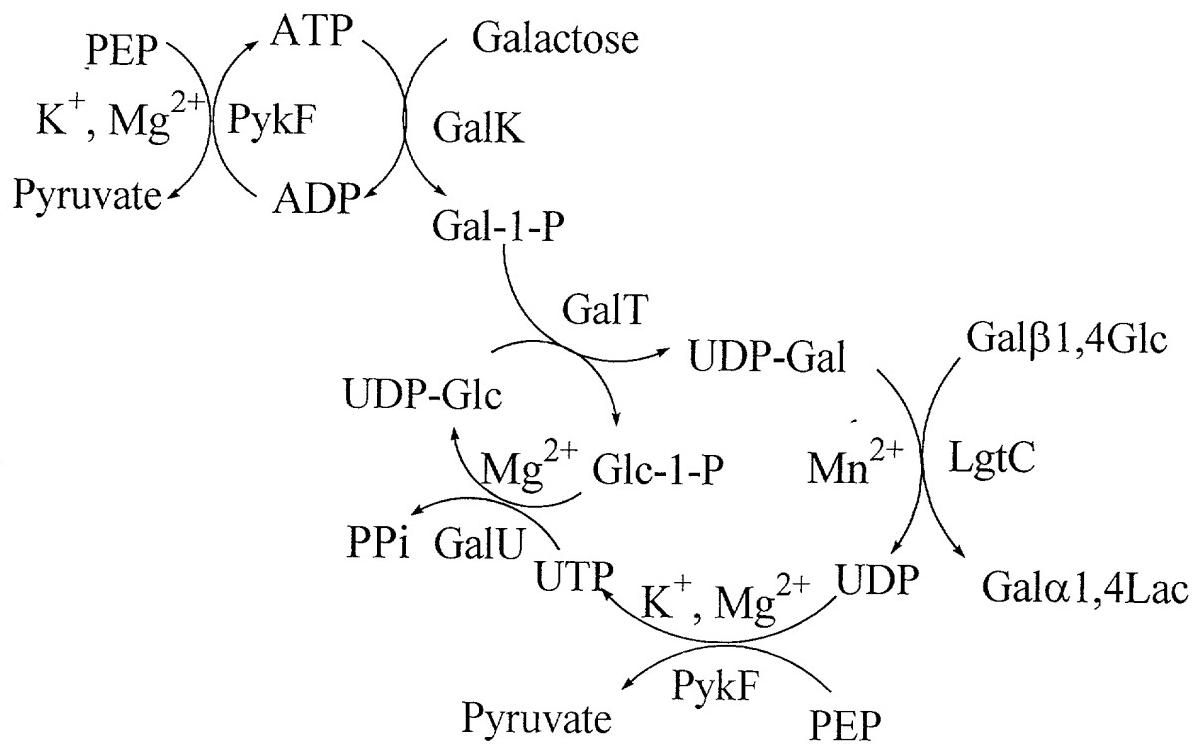


FIG. 21

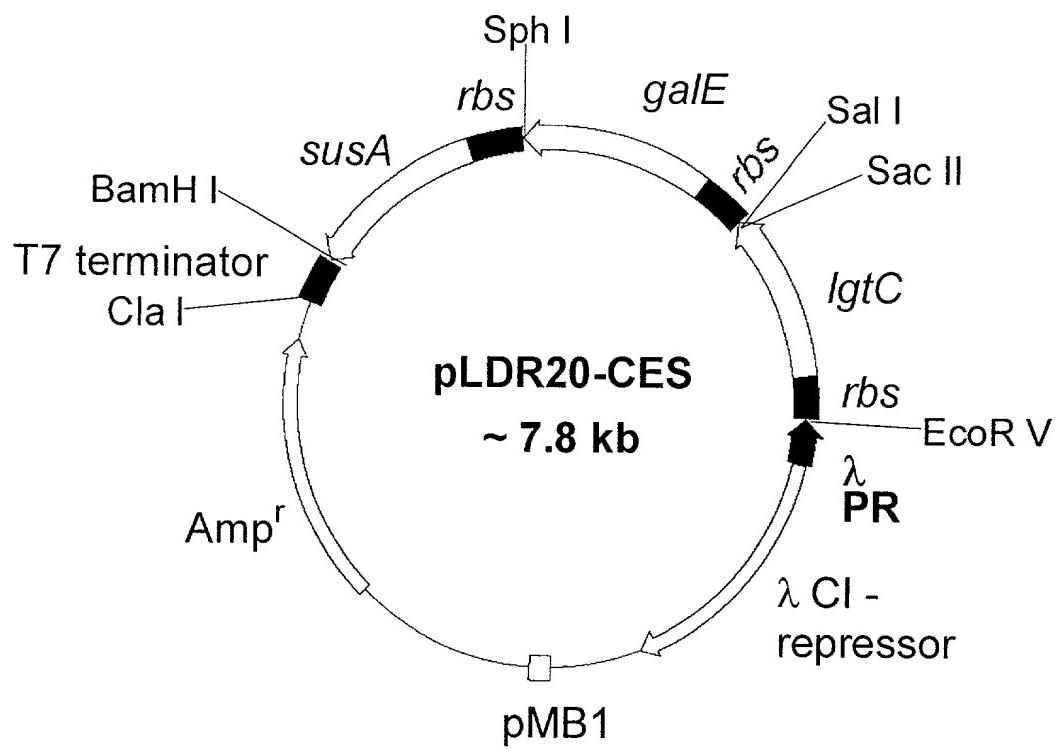
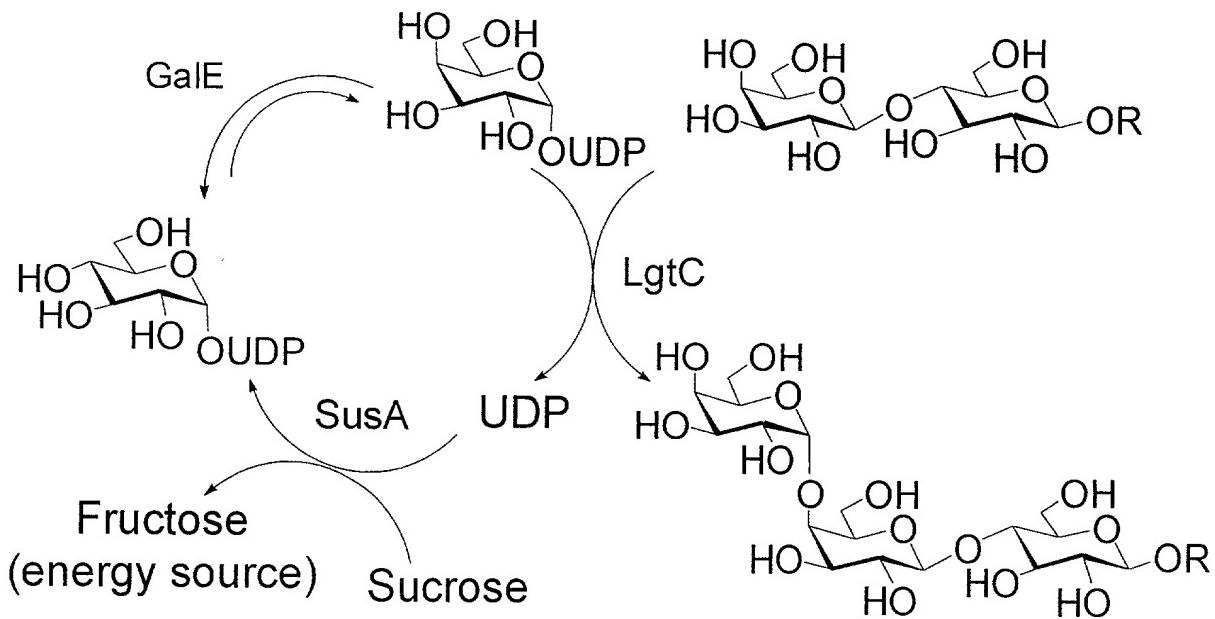


FIG. 22